



## ***Fourth GAIN World Conference***

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# **Airline Safety Event Sharing System Prototypes *Operational Demonstration***

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# ***Objectives***

- **Indicate operational benefits**
  - Demonstrate different technical approaches
  - Indicate potential future benefits
- **Provide evidence of system performance**
  - Allow airlines to see which system best suits their needs
  - Provide basis for system enhancements



## ***Objectives (cont'd)***

- **Demonstrate functionality and effectiveness**
  - Multiplicity of operational scenarios
  - Full spectrum of use
- **Provide assurance of security and anonymity**
- **Evidence of ease of implementation and use**
- **Format/content of standard sharing reports(SSR)**



## ***Value To Airline Safety Officer***

- **Near-real-time event access**
  - defined time window of events
- **Ease of use and timeliness**
- **Interaction with “trusted” groups**
- **SSR event interpretations are effective**



## ***Value To Safety Officer (cont'd)***

- **Selection of sharing partner**
  - Peer group, A/c types, type operations
- **Increased scope of safety awareness**
  - Broad base of safety events



## ***Scenarios to Be Used***

- **Operated in an operational environment**
- **Scenarios to assure evaluating all objectives**
  - Performance measured against requirements
  - Defined by airline safety officers
- **Full spectrum of system capabilities to be evaluated**
  - Performance envelope defined
    - What system will do and what it will not do.



## ***Scenarios (cont'd)***

- **Conducted over several months to assure thoroughness**
- **Evaluated by airline safety officers**
- **Performance Indications to be provided**



## ***Evaluation of Prototype Systems***

- **Airline safety officers will evaluate system performance and compliance requirements**
- **Comparison of benefits derived using new system versus prior event-sharing performance will be documented**





## ***Schedule***

- **AvSoft system demonstration (6/00-9/00)**
- **xwave system demonstration (TBD)**
- **Report on findings/recommendations (TBD)**